

Work Order ID 134221

Tuesday, July 07, 2015 12:37:09 PM

134221

Ship July 17

A.S.A.P.

Page 1

Item ID: DSI 9495-011 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Reinforced Back Frame
 Start Date: 7/07/15 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 7/17/15 Req'd Qty: 1.00 ***1*** Customer:

Reference:

Approvals: Process Plan: *[Signature]* Date: 15.7.7 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***
 Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr								
DSI 9495	A								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP DSI 9495-011		CHG001						
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

ML5 150707

DAS
27
9-89

DAS
6
9-89

JUL 17 2015

DAS

JUL 027 2015
9-89

DAS
6
9-89

JUL 17 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Work Order ID 134221

Tuesday, July 07, 2015 12:37:09 PM

134221

Page 2

Item ID: DSI 9495-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Reinforced Back Frame

Start Date: 7/07/15 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 7/17/15 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

130

0.00

130

Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPP DSI 9495-011

Location: _____

PPP Rev: _____

Ship

JUL 17 2015

986
SD

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MLJ

JUL 17 2015

*MLF**15-7-17*

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By	
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Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Page 1

Tuesday, July 07, 2015 12:37:14 PM

Work Order ID: 134221

134221

Parent Item: DSI 9495-011

DSI 9495-011

Parent Item Name: Reinforced Back Frame

Start Date: 7/07/15

Required Date: 7/17/15

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: new issue DD 10.02.08 verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3017-041 *D3017-041* Seat Back	DAS 6 9-89	Manufactured	No			110	Each	1.0000	1	1		DAS 27 9-89	
										**	134222		

Location	Loc Qty	Loc Code
GA	1	
127191	1	

D3023-1 *D3023-1* Back Panel	DAS 6 9-89	Manufactured	No			110	Each	2.0000	1	1		DAS 27 9-89	
										**	134224		

Location	Loc Qty	Loc Code
WA001	2	
127076	1	
130724	1	

MS20600-AD4W2 *MS20600-AD4W2* Rivet		Purchased	No			110	Each	792.0000	40	40		DAS 27 9-89	
										**			

Location	Loc Qty	Loc Code
CCK004	717	
m126475	717	
GA	68	
m125708	68	
ST309	7	
m126475	7	

DAS
6
9-89

JUL 07 2015

40

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

Page 2

Tuesday, July 07, 2015 12:37:15 PM

Work Order ID: 134221

134221

Parent Item: DSI 9495-011

DSI 9495-011

Parent Item Name: Reinforced Back Frame

Start Date: 7/07/15

Required Date: 7/17/15

Start Qty: 1.00

Required Qty: 1.00

MS20600-AD4W3

Purchased

No

110

Each

607.0000

6

6

MS20600-AD4W3

Cherry Rivets

DAS

6

9-89

Location

Loc Qty

Loc Code

GA

223

m129795

223

ST309

300

m132680

300

WA003

84

m130018

84

MS21042L3

Purchased

No

110

Each

1,527.000

2

2

MS21042L3

Nut

DAS

6

9-89

Location

Loc Qty

Loc Code

FP001

393

M130922

393

GA

436

M131317

436

ST305

698

116549

12

126333

49

M128401

2

M128754

2

M132123

17

M132382

616

DAS

27

9-89

DAS

27

9-89

JUL 07 2015

Tuesday, July 07, 2015 12:37:15 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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			Completed By		
			Lead hand / Supervisor Approval Verification		
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Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

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Tuesday, July 07, 2015 12:37:15 PM

Work Order ID: 134221

134221

Parent Item: DSI 9495-011

DSI 9495-011

Parent Item Name: Reinforced Back Frame

Start Date: 7/07/15

Required Date: 7/17/15

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

110

Each

4,088.000

6

6

MS21042L4

Locknut

DAS
27
9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

FP001

2

m124231

2

GA

150

m127813

150

ST260a

3748

m130799

56

m131803

6

m132262

686

m132382

3000

ST305

188

m128300

16

m130388

7

m130922

97

m131618

12

m132123

56

MS27039-1-17

Purchased

No

110

Each

291.0000

2

2

MS27039-1-17

Screw (601.1954)

DAS
27
9-89
JUL 07 2015

Location

Loc Qty

Loc Code

GA

188

120142

38

m127831

150

ST285

103

m127305

100

m130388

3

DAS
6
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Tuesday, July 07, 2015 12:37:15 PM

Work Order ID: 134221

134221

Parent Item: DSI 9495-011

DSI 9495-011

Parent Item Name: Reinforced Back Frame

Start Date: 7/07/15

Required Date: 7/17/15

Start Qty: 1.00

Required Qty: 1.00

MS27039-4-21

Purchased

No

110

Each

32.0000

6

6

MS27039-4-21

Screw

DAS
6
9-89

Location

Loc Qty

Loc Code

ST284

32

m129909

18

m131616

14

DAS
27
9-89

NAS1149D0332J

Purchased

No

110

Each

2,847.000

2

2

NAS1149D0332J

Washer

DAS
6
9-89

Location

Loc Qty

Loc Code

CA

14

m129682

14

ST269

2610

m130325

930

m131624

80

m132677

1600

ST270

223

m132189

223

DAS
27
9-89

NAS1149D0432J

Purchased

No

110

Each

809.0000

6

6

NAS1149D0432J

WASHER

DAS
6
9-89

Location

Loc Qty

Loc Code

ST269

809

m131026

809

DAS
27
9-89

JUL 07 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
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Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
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Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-689 REV. A
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-689 REV 0

REF TCCA STC: SH02-33

REF FAA STC: SR01620NY

REF EASA STC: EASA.IM.R.S.01453

REF BRAZILIAN STC: 2005S03-09

PURPOSE:

TO PROVIDE REWORK INSTRUCTIONS TO INSTALL DSI-9495-011 REINFORCED BACK FRAME KIT. THESE INSTRUCTIONS ARE APPLICABLE TO D350-689-011 AT CHANGE 002, D350-689-021 AT CHANGE 001, D350-689-041 AT CHANGE 001 AND D350-689-043 AT CHANGE 001 OR EARLIER CHANGE NUMBER.

CHANGE:

REPLACE EXISTING BACK ASSEMBLY WITH DSI 9495-011 REINFORCED BACK FRAME KIT.

PARTS LIST:

Qty -011	Part Number	Description
X	DSI-9495-011	REINFORCED BACK FRAME KIT
1	D3017-041	BACK FRAME ASSEMBLY
1	D3023-1	BACK PANEL
2	NAS1149D0332J	WASHER (OR AN960JD10L)
6	NAS1149D0432J	WASHER (OR AN960JD416)
40	MS20600AD4W2	RIVET
6	MS20600AD4W3	RIVET (REF DSI 9349)
2	MS27039-1-17	SCREW
6	MS27039-4-21	SCREW
2	MS21042L3	NUT (OR MS21042-3)
6	MS21042L4	NUT (OR MS21042-4)

INSTRUCTIONS:

1. REMOVE LAP BELT AND HARNESS (IF APPLICABLE).
2. REMOVE EXISTING D3017-041 BACK FRAME ASSY.
3. INSTALL PROVIDED D3017-041 BACK FRAME ASSEMBLY WITH ATTACHED PARTS USING ORIGINAL HARDWARE ON EITHER SIDE OF THE CENTER TUBE.
4. TRANSFER Ø0.257" HOLES (SEE SHEET 2 OF THIS SERVICE INSTRUCTION FOR REFERENCE, 6 PLACES) USING THE BACK FRAME ASSEMBLY AS A TEMPLATE TO OPEN UP THE HOLES IN THE SEAT FRAME ASSEMBLY.
5. REMOVE NEW BACK FRAME ASSEMBLY.
6. REMOVE BURRS AND SHARP EDGES. TOUCH UP PER ICA-D350-689 CHAPTER 5.2 SECTION 8 AS REQUIRED.
7. REINSTALL PROVIDED BACK FRAME ASSEMBLY WITH ATTACHED BACK PANEL USING THE HARDWARE PROVIDED PER FIGURE 1 (SHEET 2).
8. REMOVE FROM OLD BACK ASSEMBLY:
D3031-1 LOOP AND HARDWARE (2 PLACES) AND TRANSFER TO NEW BACK ASSEMBLY.
D3024-1 SPACER AND HARDWARE (3 PLACES) AND TRANSFER TO NEW BACK ASSEMBLY.
9. INSTALL LAP BELT AND HARNESS (IF APPLICABLE).
10. THE PARTS LIST AND WEIGHT & BALANCE SHOULD BE UPDATED PER DSI 9498.

(INSPECT REMOVED HARDWARE FOR WEAR AND REPLACE AS REQUIRED)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: D. SHEPHERD
D. SHEPHERD (DE # 02)

DATE: 10.01.13
CERT. NO.: SH02-33
ISSUE NO.: 1

A	NEW ISSUE.	JPH	10.01.13
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9495	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		INSTL OF REINFORCED BACK FRAME	NTS
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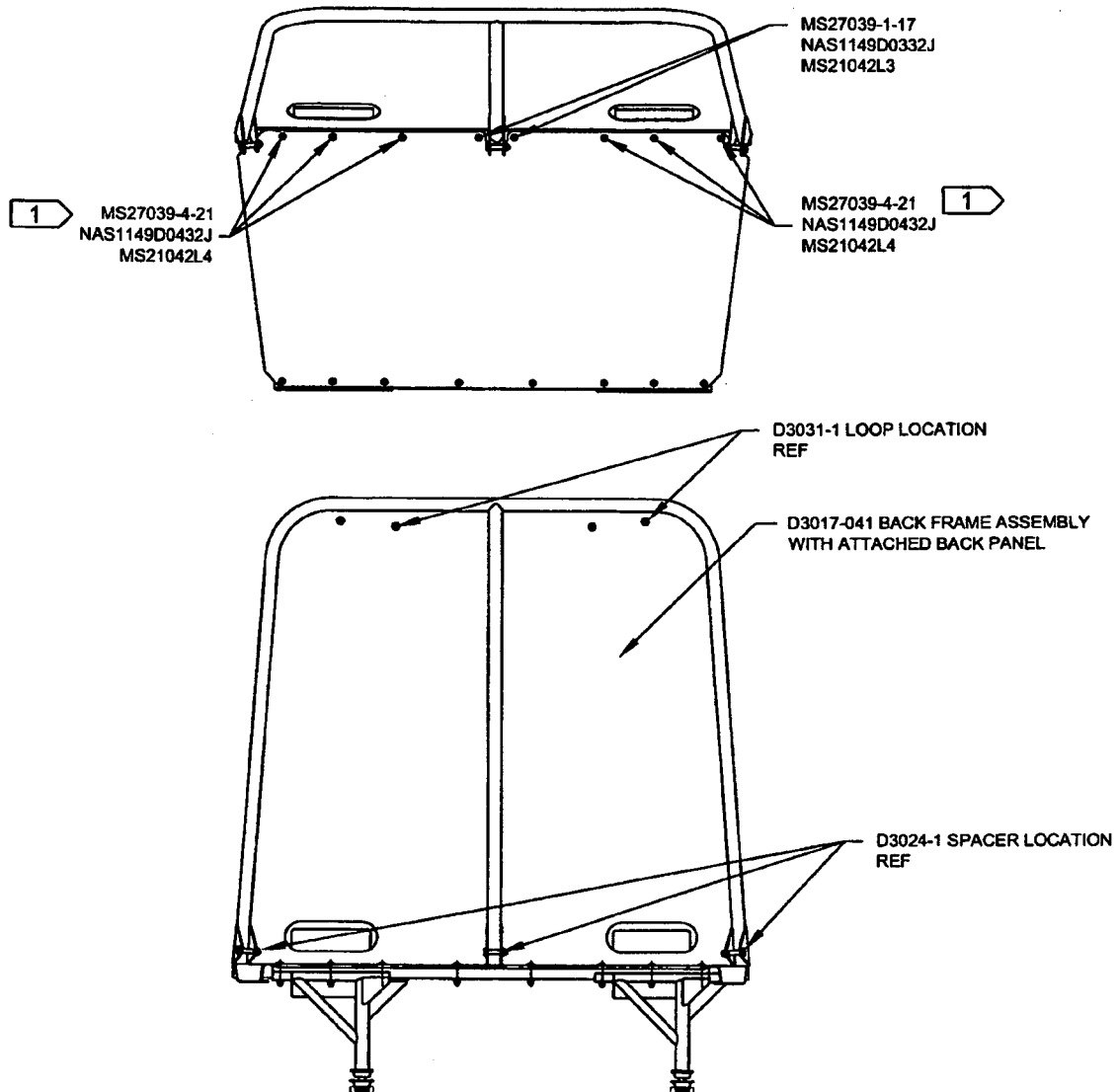


FIGURE 1
DUAL HIGH BACK SEAT ASSEMBLY WITH
DSI9495-011

1 OPEN EXISTING HOLES IN SEAT FRAME ASSEMBLY
 TO Ø0.257"

CANADA
 DEPARTMENT OF TRANSPORT
 AIRCRAFT CERTIFICATION
 BRANCH
 DAO # 01-O-01

APPROVED
 BY: *[Signature]*
 D. SHEPHERD (DE # 02)
 DATE: 10.01.13
 CERT. NO.: SH02-33
 ISSUE NO.: 1

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9495	SHEET 2 OF 2
APPROVED		TITLE	SCALE
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REFERENCE ONLY

DAS

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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-689 REV. A
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-689 REV 0

REF TCCA STC: SH02-33
REF FAA STC: SR01620NY
REF EASA STC: EASA.IM.R.S.01453
REF BRAZILIAN STC: 2005S03-09

PURPOSE:

TO PROVIDE REWORK INSTRUCTIONS TO INSTALL DSI-9495-011 REINFORCED BACK FRAME KIT. THESE INSTRUCTIONS ARE APPLICABLE TO D350-689-011 AT CHANGE 002, D350-689-021 AT CHANGE 001, D350-689-041 AT CHANGE 001 AND D350-689-043 AT CHANGE 001 OR EARLIER CHANGE NUMBER.

CHANGE:

REPLACE EXISTING BACK ASSEMBLY WITH DSI 9495-011 REINFORCED BACK FRAME KIT.

PARTS LIST:

Qty -011	Part Number	Description
X	DSI-9495-011	REINFORCED BACK FRAME KIT
1	D3017-041	BACK FRAME ASSEMBLY
1	D3023-1	BACK PANEL
2	NAS1149D0332J	WASHER (OR AN960JD10L)
6	NAS1149D0432J	WASHER (OR AN960JD416)
40	MS20600AD4W2	RIVET
6	MS20600AD4W3	RIVET (REF DSI 9349)
2	MS27039-1-17	SCREW
6	MS27039-4-21	SCREW
2	MS21042L3	NUT (OR MS21042-3)
6	MS21042L4	NUT (OR MS21042-4)

INSTRUCTIONS:

1. REMOVE LAP BELT AND HARNESS (IF APPLICABLE).
2. REMOVE EXISTING D3017-041 BACK FRAME ASSY.
3. INSTALL PROVIDED D3017-041 BACK FRAME ASSEMBLY WITH ATTACHED PARTS USING ORIGINAL HARDWARE ON EITHER SIDE OF THE CENTER TUBE.
4. TRANSFER Ø0.257" HOLES (SEE SHEET 2 OF THIS SERVICE INSTRUCTION FOR REFERENCE, 6 PLACES) USING THE BACK FRAME ASSEMBLY AS A TEMPLATE TO OPEN UP THE HOLES IN THE SEAT FRAME ASSEMBLY.
5. REMOVE NEW BACK FRAME ASSEMBLY.
6. REMOVE BURRS AND SHARP EDGES. TOUCH UP PER ICA-D350-689 CHAPTER 5.2 SECTION 8 AS REQUIRED.
7. REINSTALL PROVIDED BACK FRAME ASSEMBLY WITH ATTACHED BACK PANEL USING THE HARDWARE PROVIDED PER FIGURE 1 (SHEET 2).
8. REMOVE FROM OLD BACK ASSEMBLY:
D3031-1 LOOP AND HARDWARE (2 PLACES) AND TRANSFER TO NEW BACK ASSEMBLY.
D3024-1 SPACER AND HARDWARE (3 PLACES) AND TRANSFER TO NEW BACK ASSEMBLY.
9. INSTALL LAP BELT AND HARNESS (IF APPLICABLE).
10. THE PARTS LIST AND WEIGHT & BALANCE SHOULD BE UPDATED PER DSI 9498.

(INSPECT REMOVED HARDWARE FOR WEAR AND REPLACE AS REQUIRED)

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A	NEW ISSUE.	JPH	10.01.13
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